

## Special Issue

# Breeding Next Generation Crops: Improving Flavour and Functional Quality

### Message from the Guest Editors

Plant breeding has definitely contributed to increase food availability through the development of new varieties and rootstocks with enhanced productivity and reduced losses caused by biotic and abiotic stresses. In the process, flavour has often received lower attention resulting in consumer complains on food quality. On the other hand, consumers are increasingly aware of the role of food in the prevention of diseases and demand healthier food with increased levels of bioactive compounds.

This special issue will welcome papers dealing with the following specific topics applied to the study of vegetables:

- Analysis of metabolic pathways related to the production of flavour-related and bioactive compounds.
- Identification of sources of variation with increased accumulation of bioactive compounds, sugars, acids and volatiles
- Improved accumulation of bioactive compounds, sugars, acids and volatiles via conventional breeding and genetic engineering

### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2022)



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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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